

CHAPTER 10. SCHEMATIC DIAGRAM

[1] DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. The voltages at test points are measured on exclusive AC adaptor and the stable supply voltage of AC 230V.

Signals are fed by a colour bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance " Ω " is omitted.
(K=k Ω =1000 Ω , M=M Ω).
2. All resistors are $\pm 5\%$, unless otherwise noted.
(K= $\pm 10\%$, F= $\pm 1\%$, D= $\pm 0.5\%$)
3. All resistors are 1/16W, unless otherwise noted.

CAPACITOR

1. All capacitors are μF , unless otherwise noted.
(P=pF= $\mu\mu\text{F}$).
2. All capacitors are 50V, unless otherwise noted.

CAUTION:

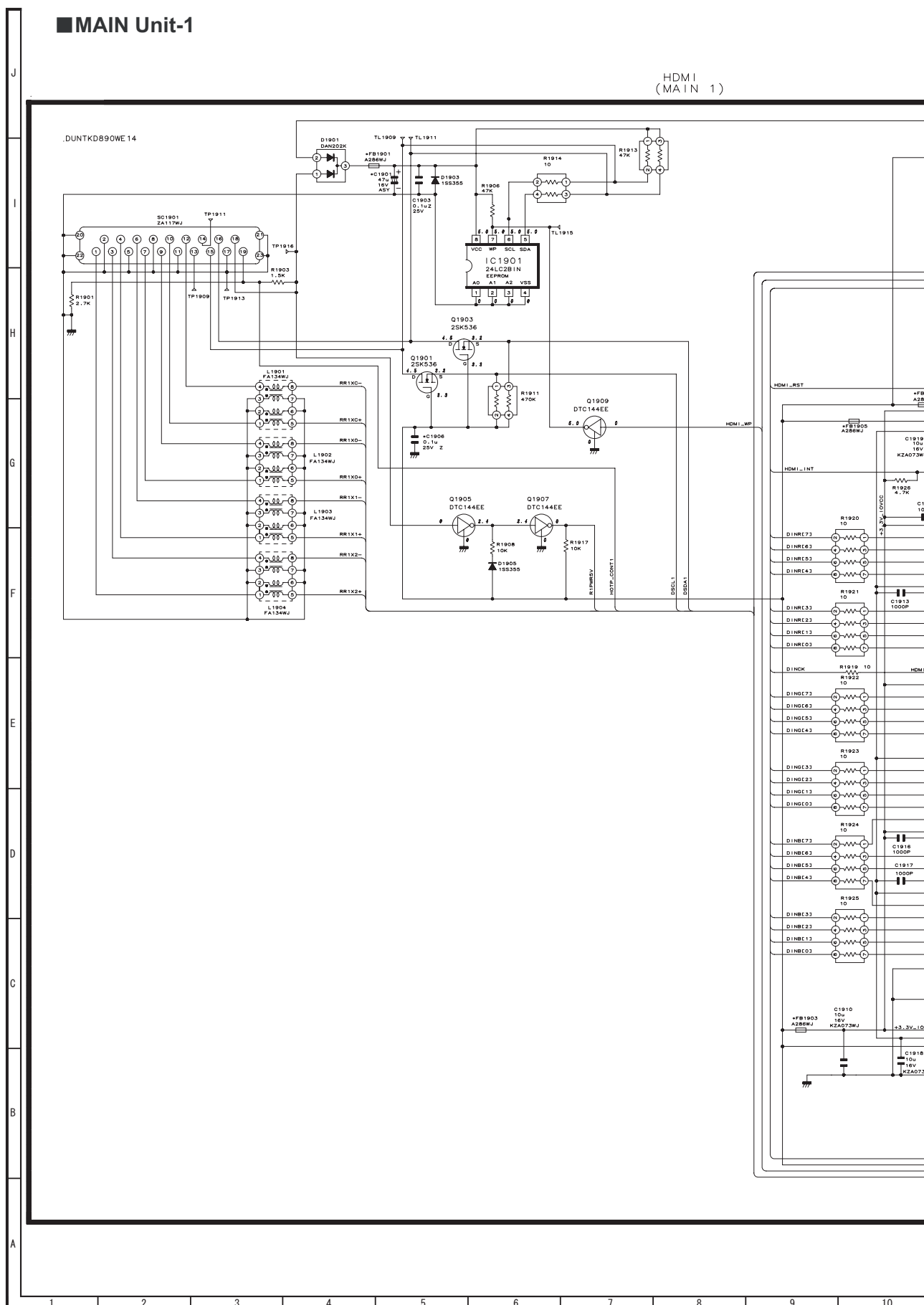
This circuit diagram is original one, therefore there may be a slight difference from yours.

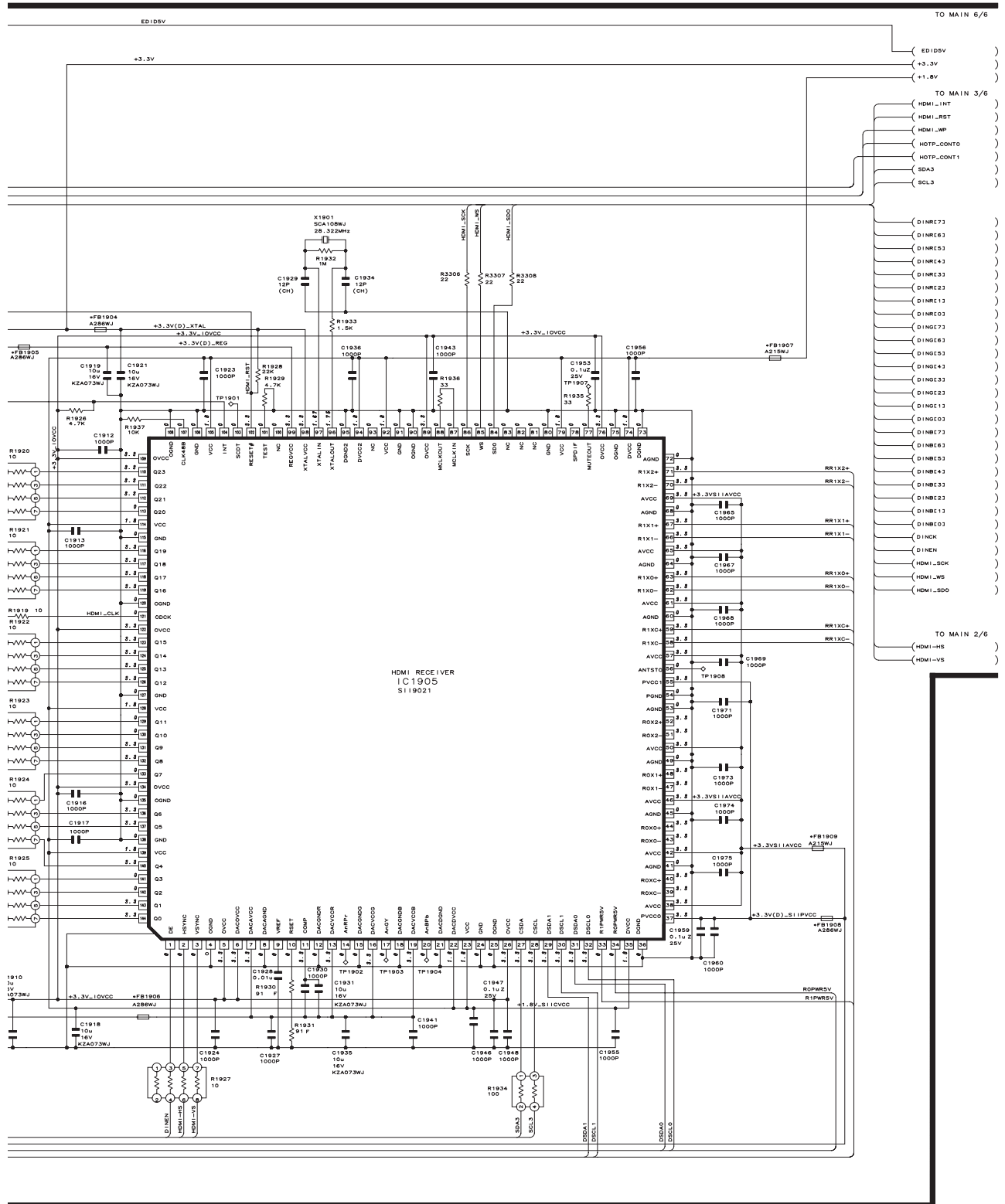
SAFETY NOTES:

1. DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACING PARTS.
2. SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.

IMPORTANT SAFETY NOTICE:

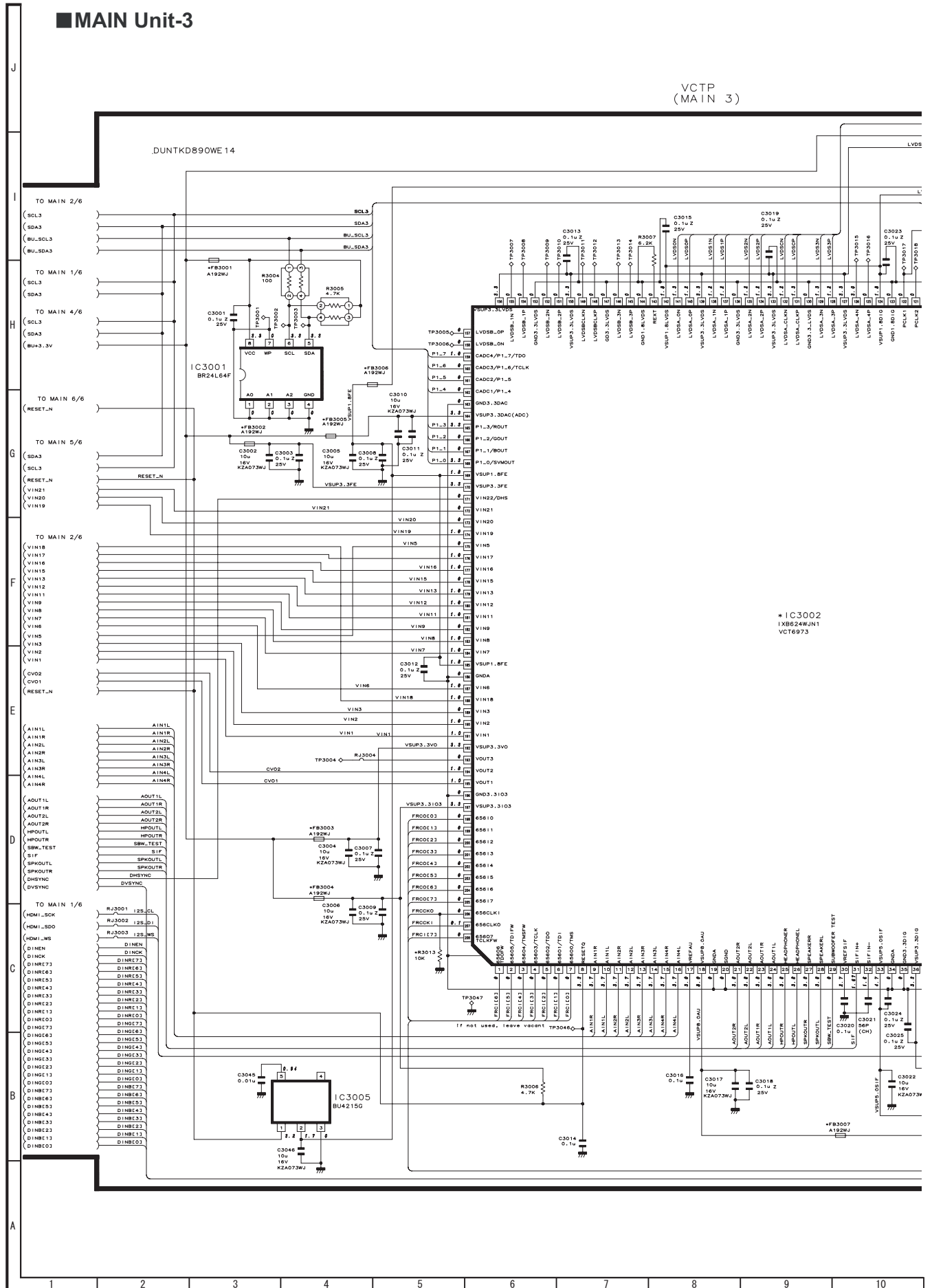
PARTS MARKED WITH "  " () ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

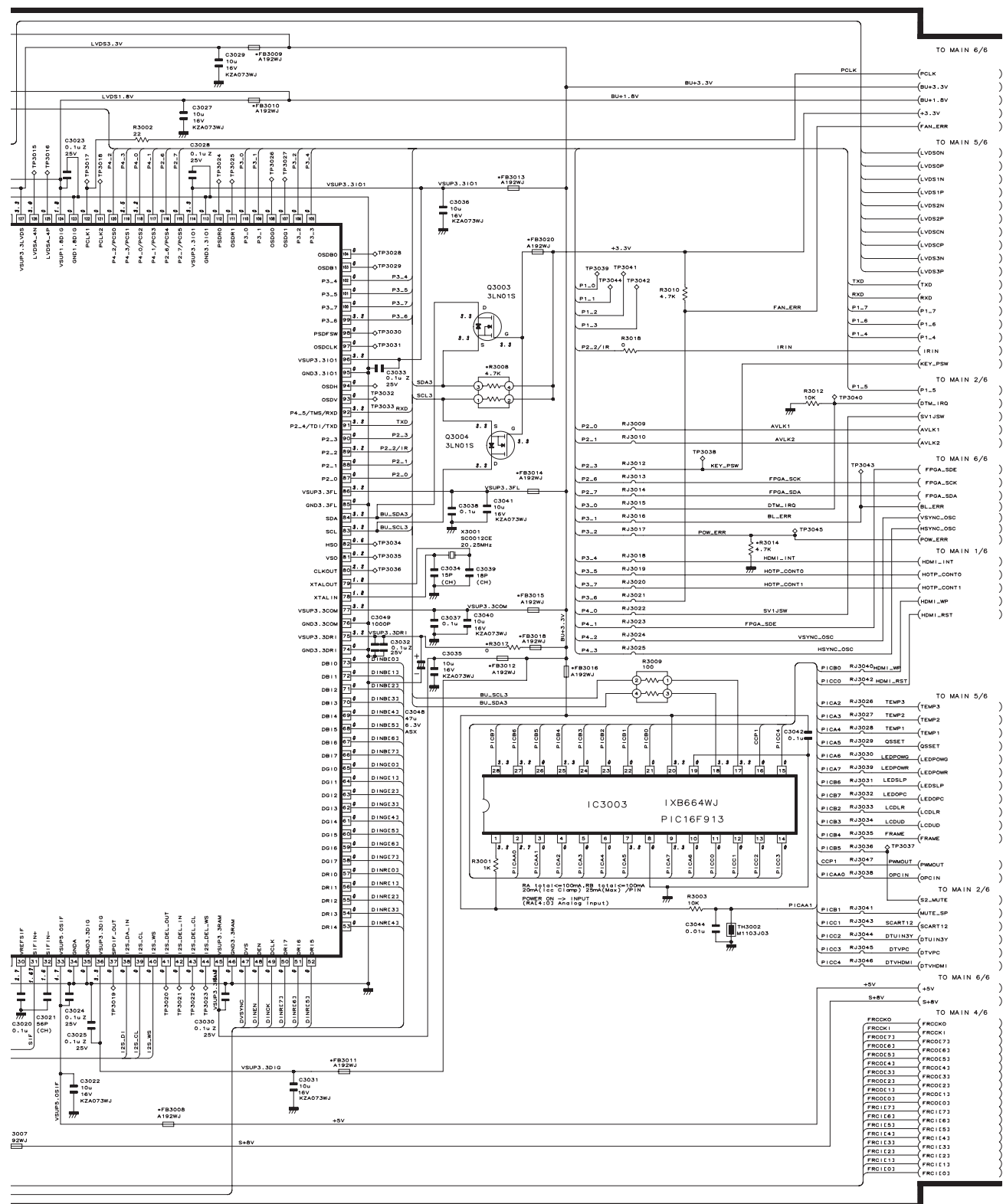
HDMI
(MAIN 1)





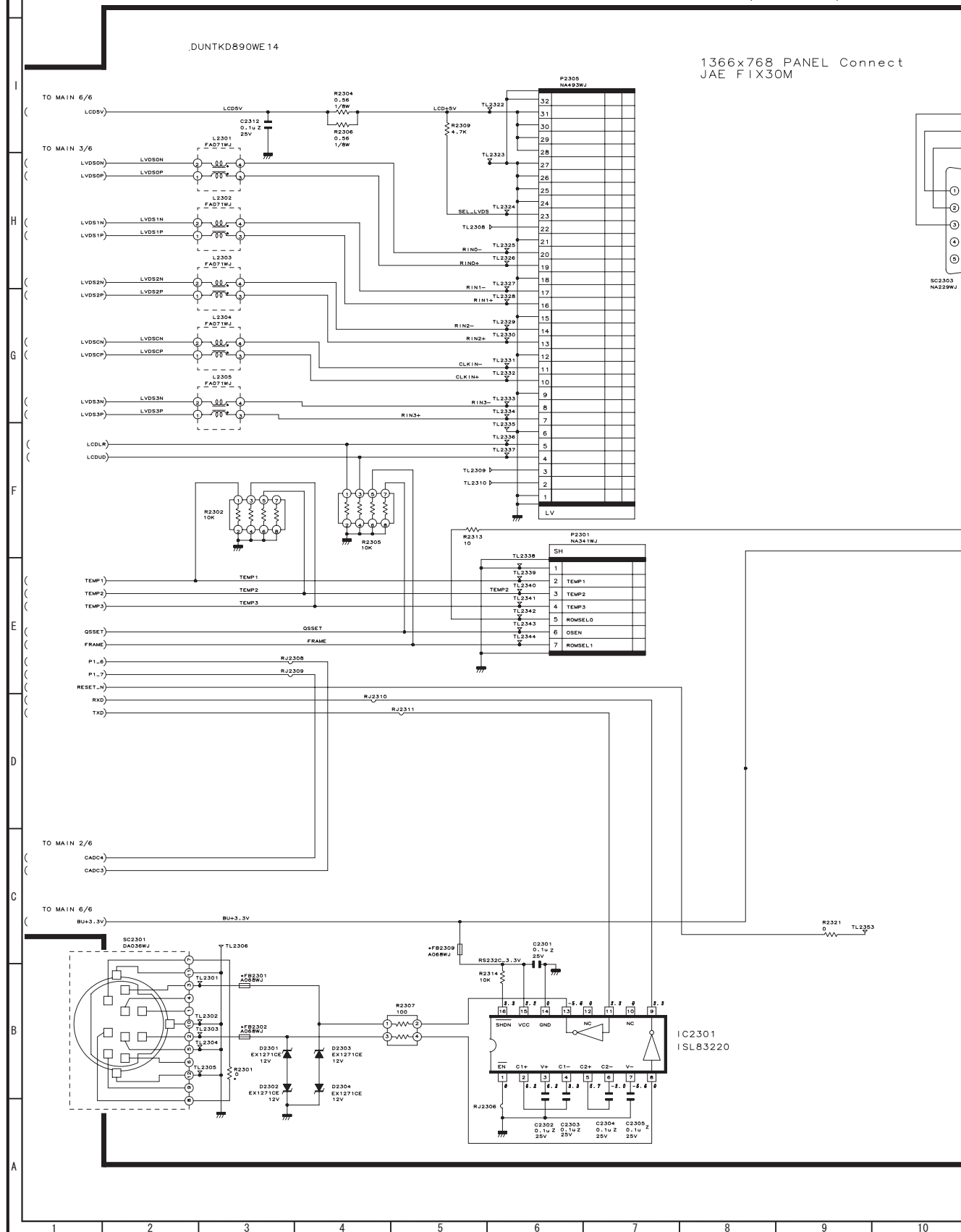
MAIN Unit-3



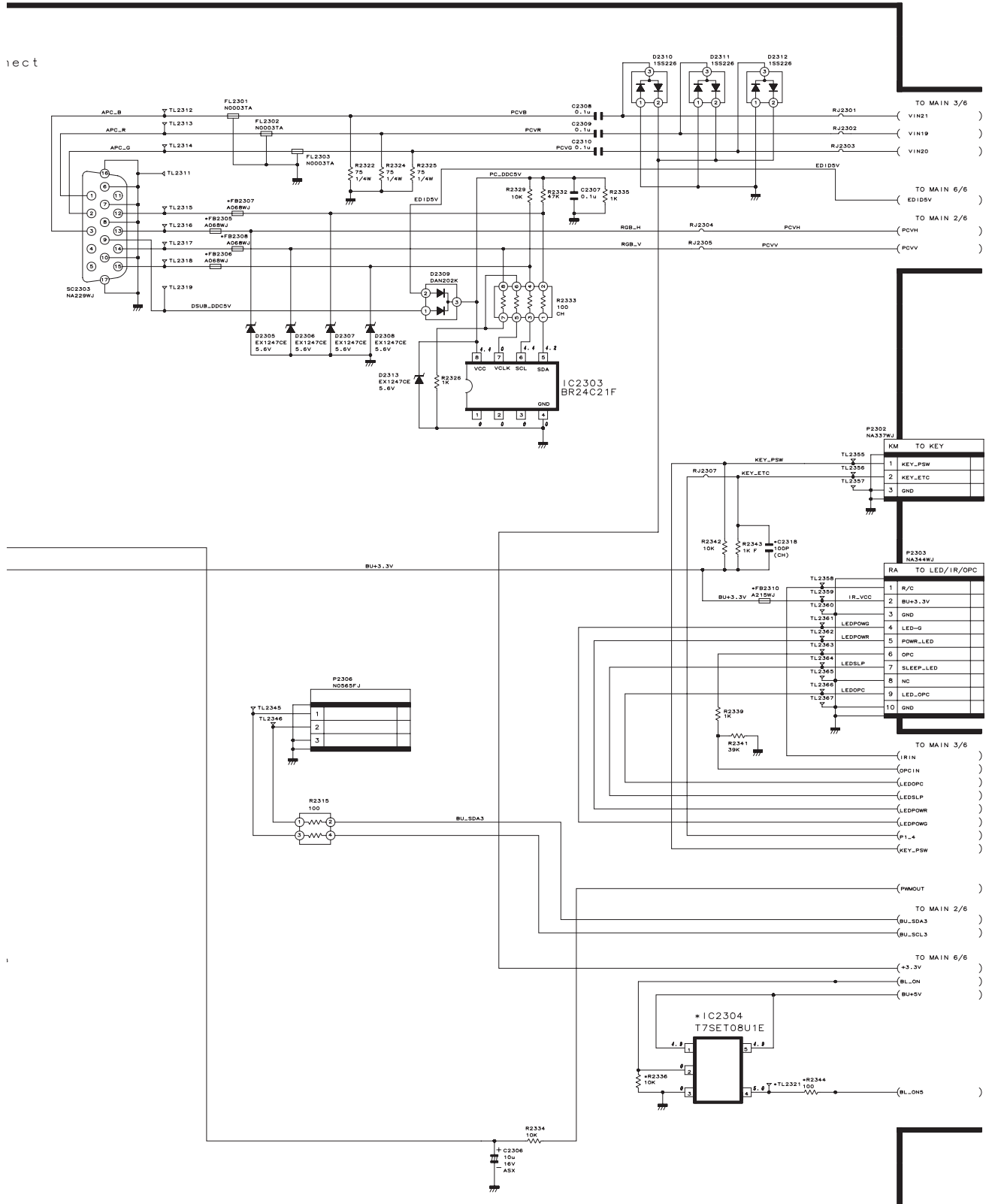


MISC
(MAIN 5)

1366x768 PANEL Connect
JAE FIX30M

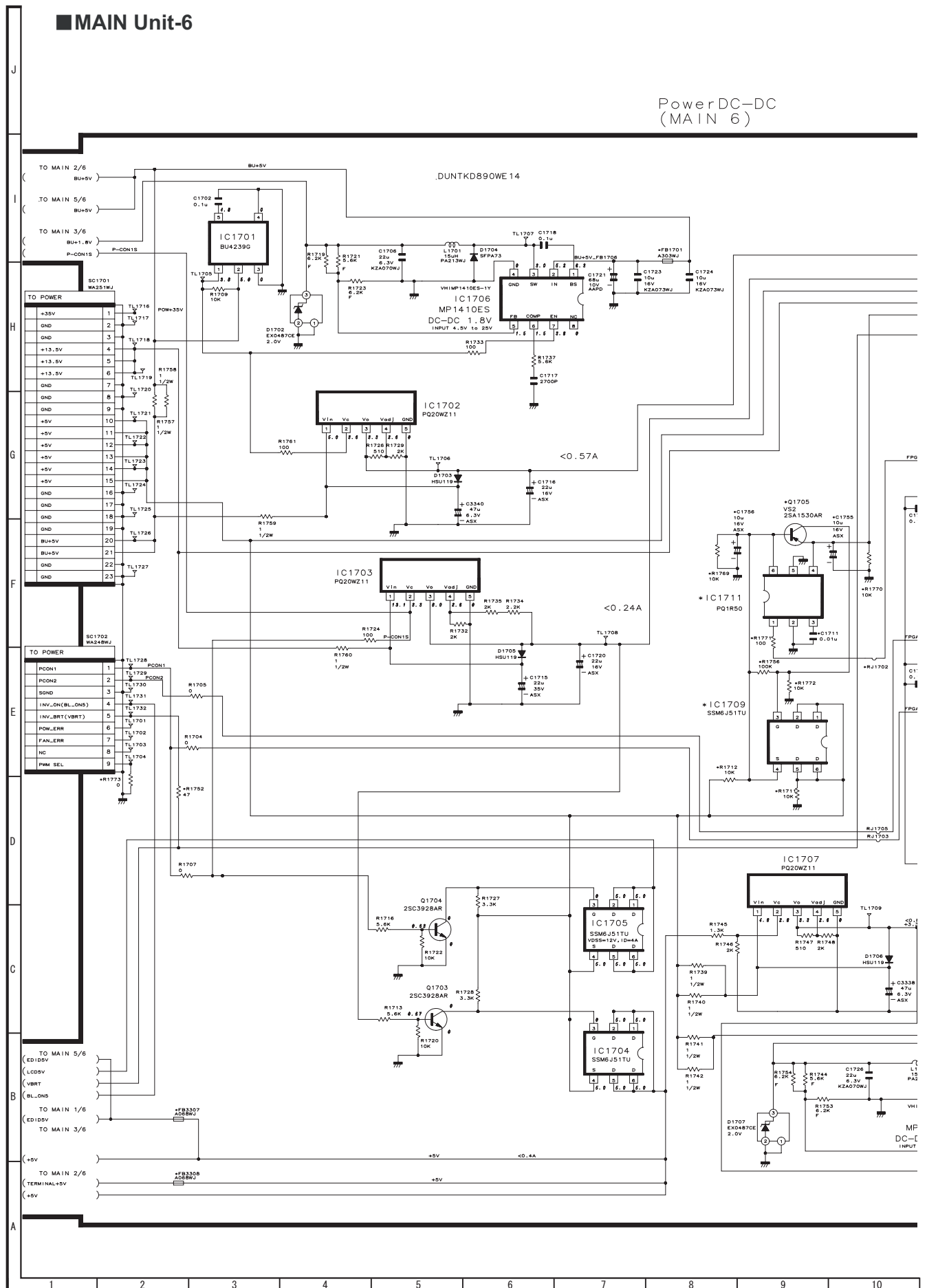


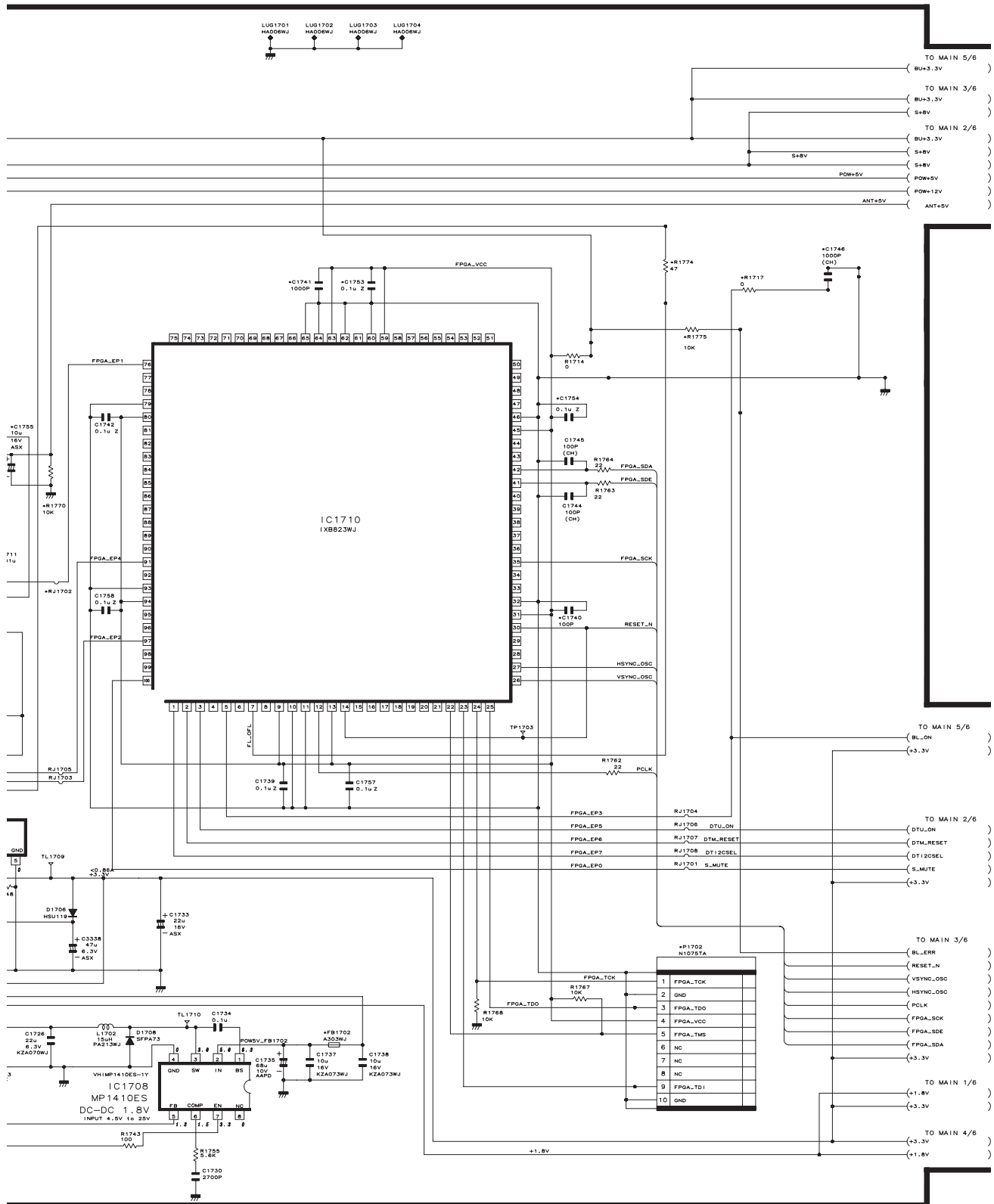
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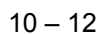


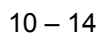
MAIN Unit-6

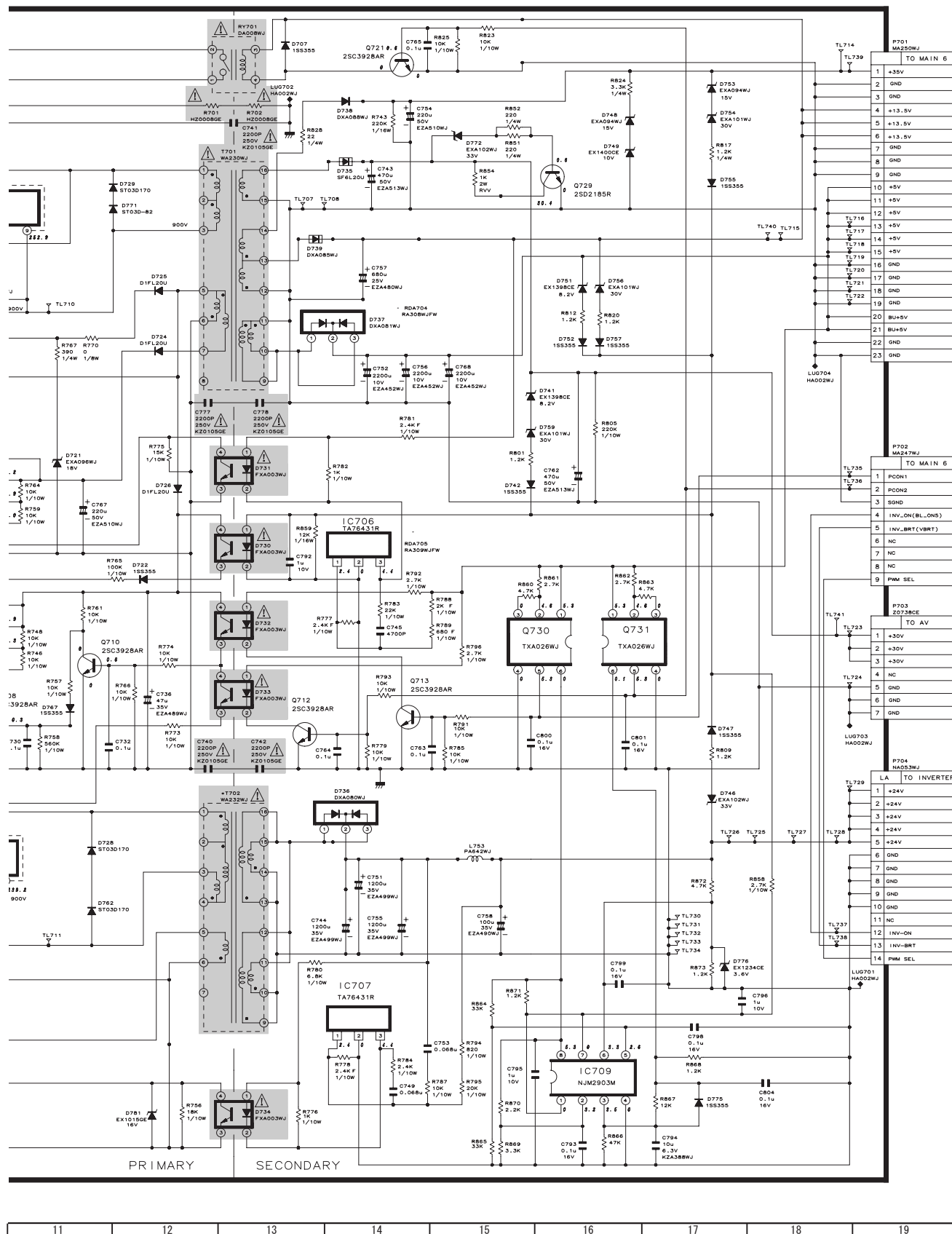
PowerDC-DC
(MAIN 6)



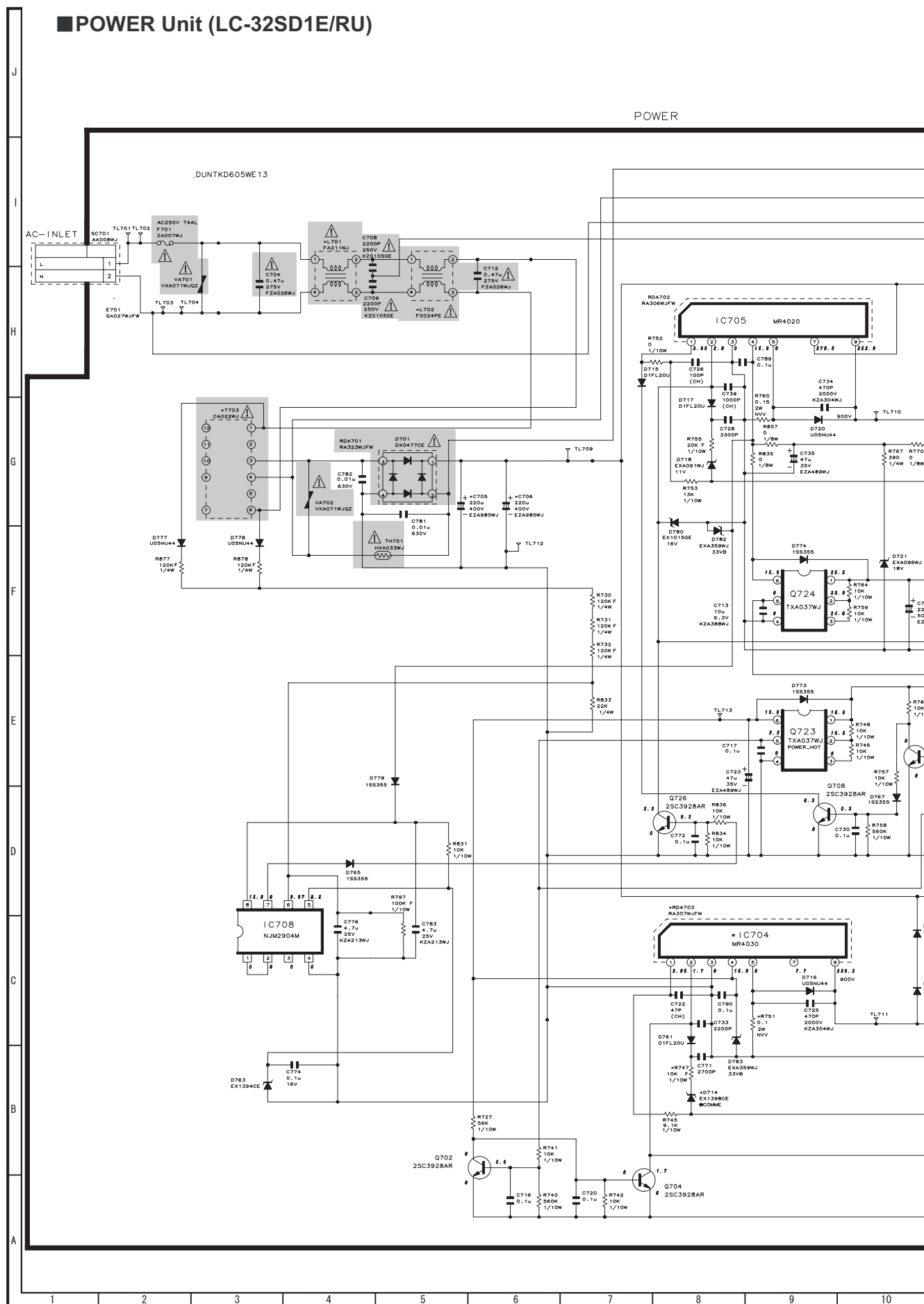


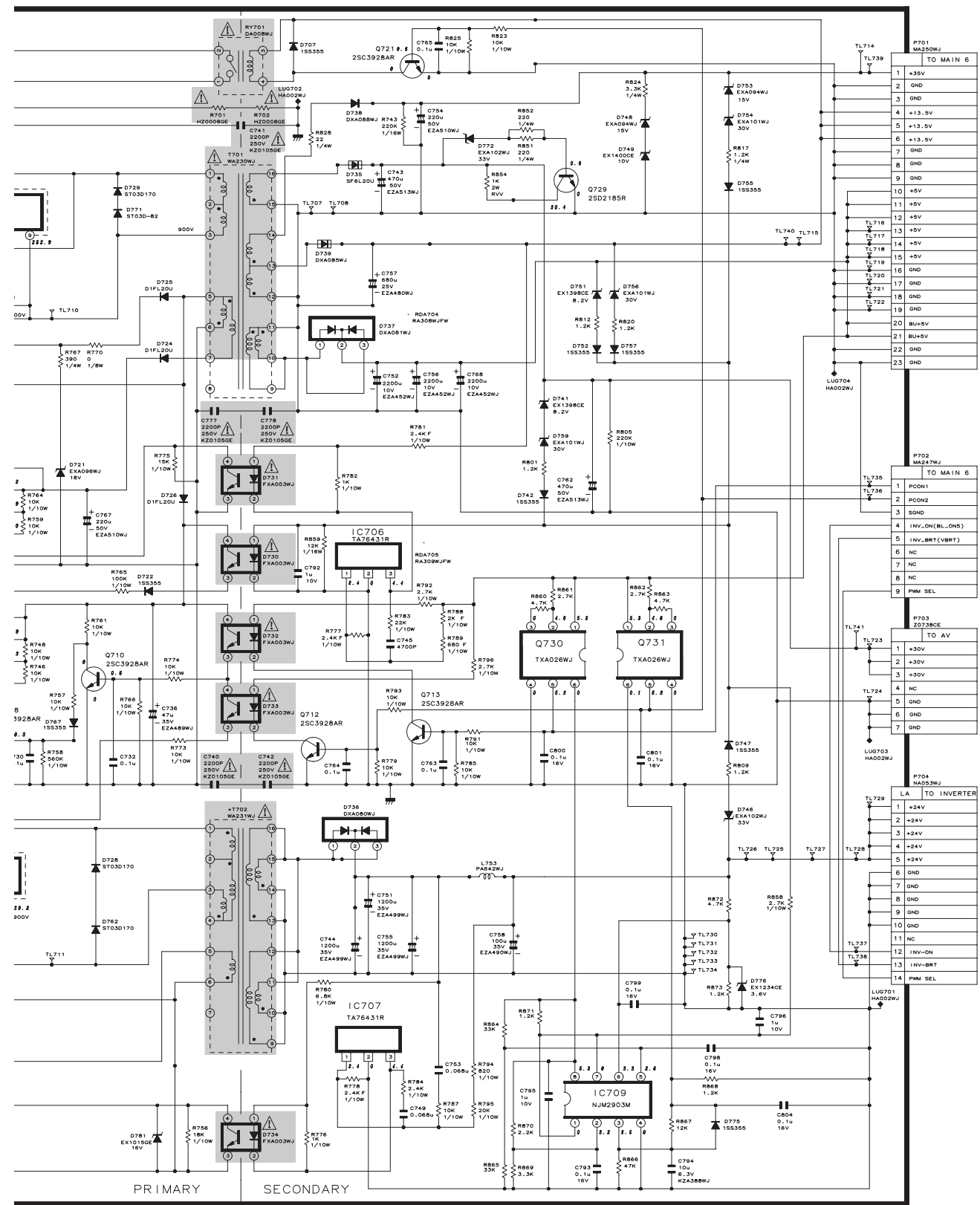






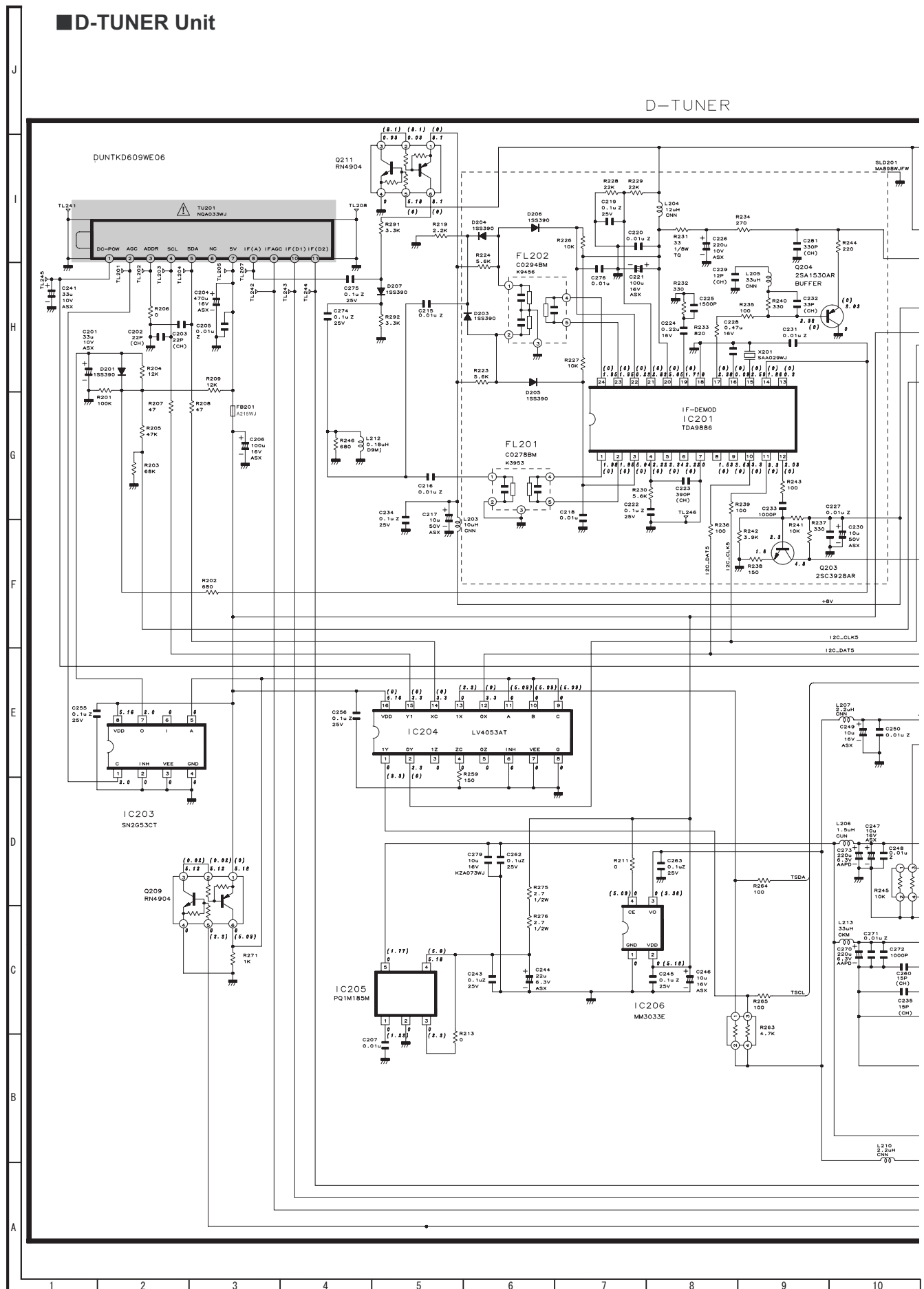
■ POWER Unit (LC-32SD1E/RU)





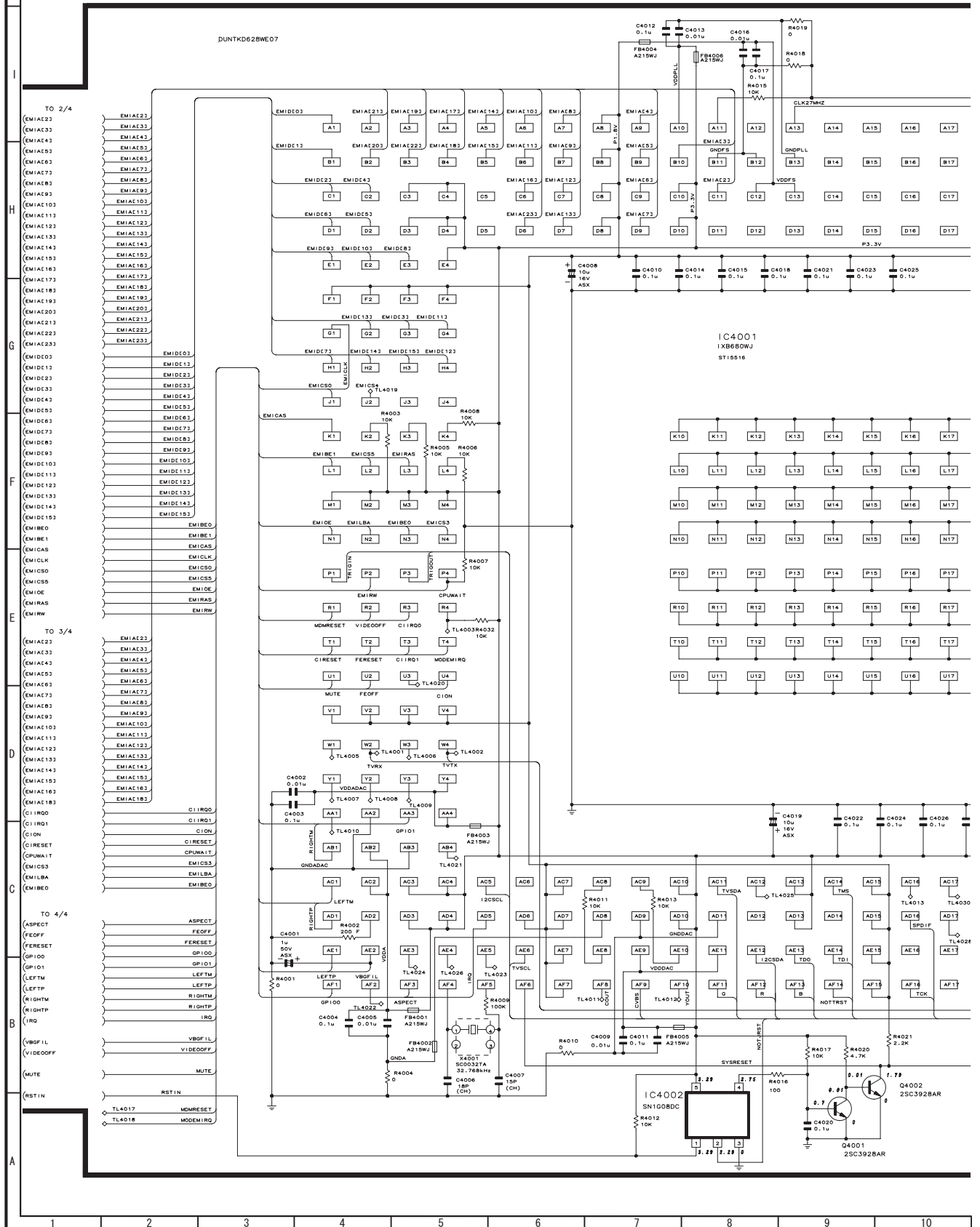
D-TUNER Unit

D-TUNER



DIGITAL Unit-1

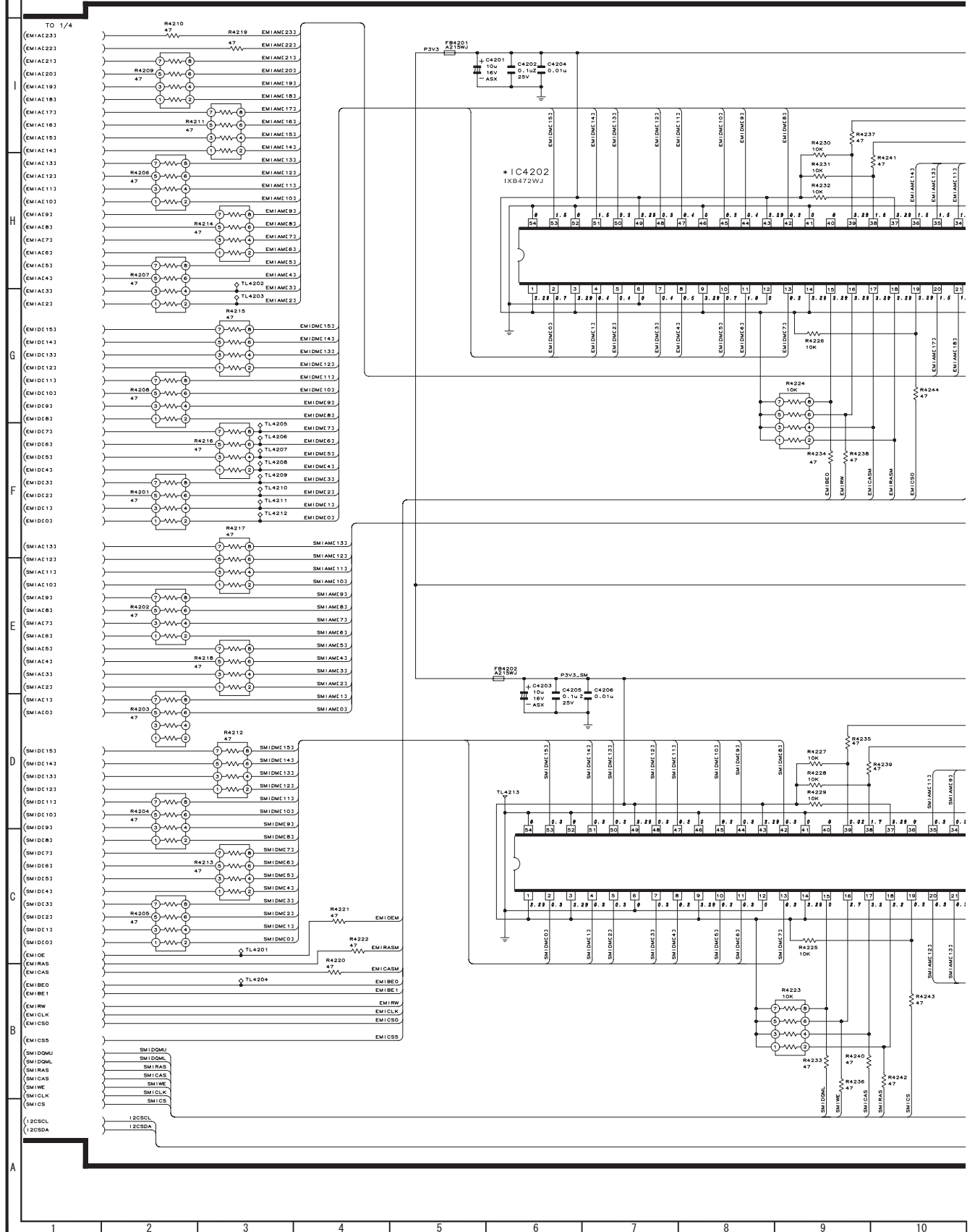
ST15516
(DIGITAL 1/4)

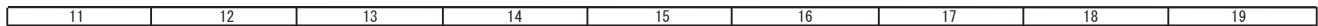




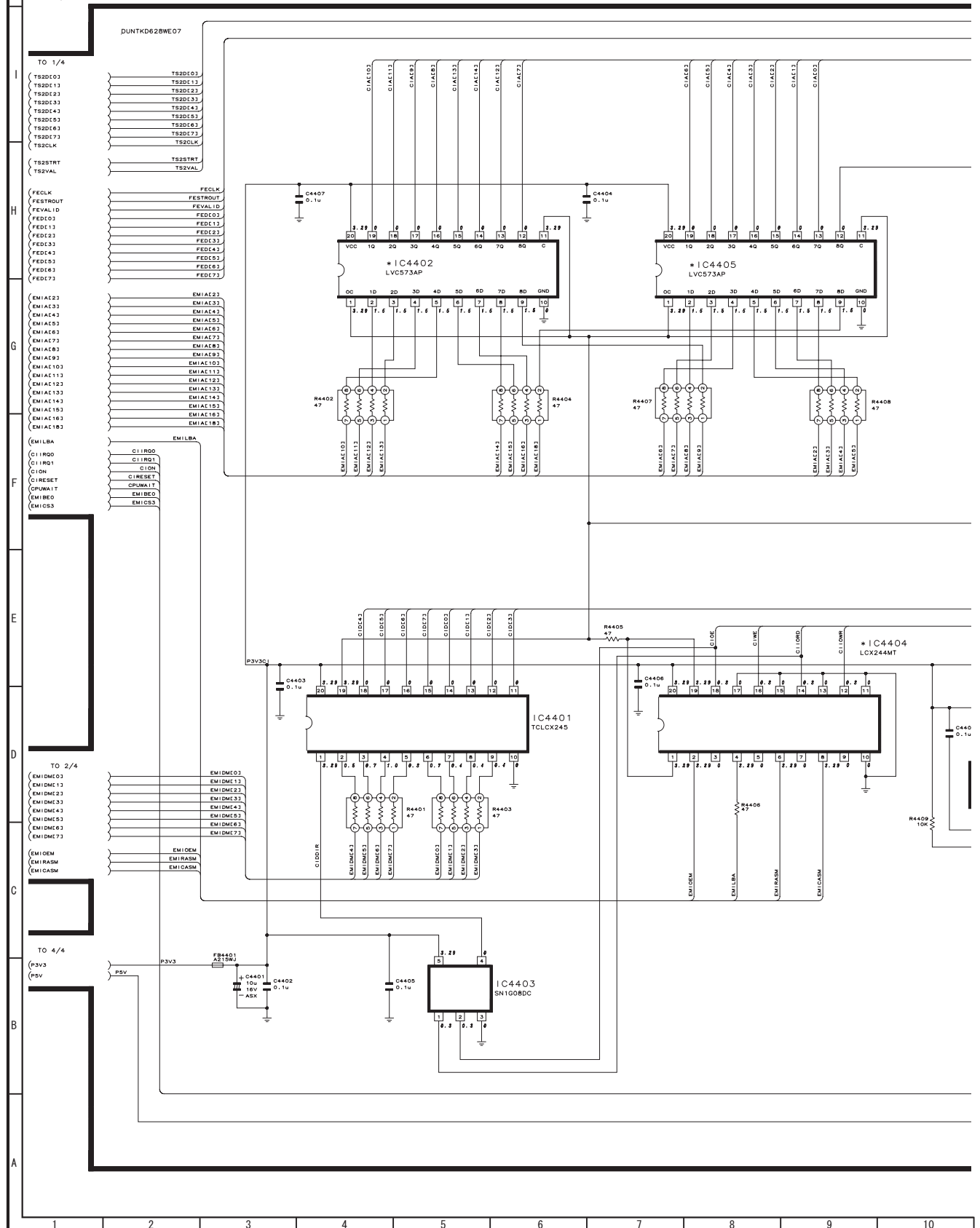
DIGITAL Unit-2

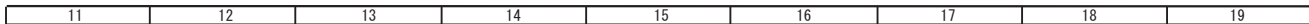
MEMORIES
(DIGITAL 2/4)





DIGITAL Unit-3

C1
(DIGITAL 3/4)




DIGITAL Unit-4

AUDIO/VIDEO OUT / R
(DIGITAL 4/4)

DUNTKD628WE07

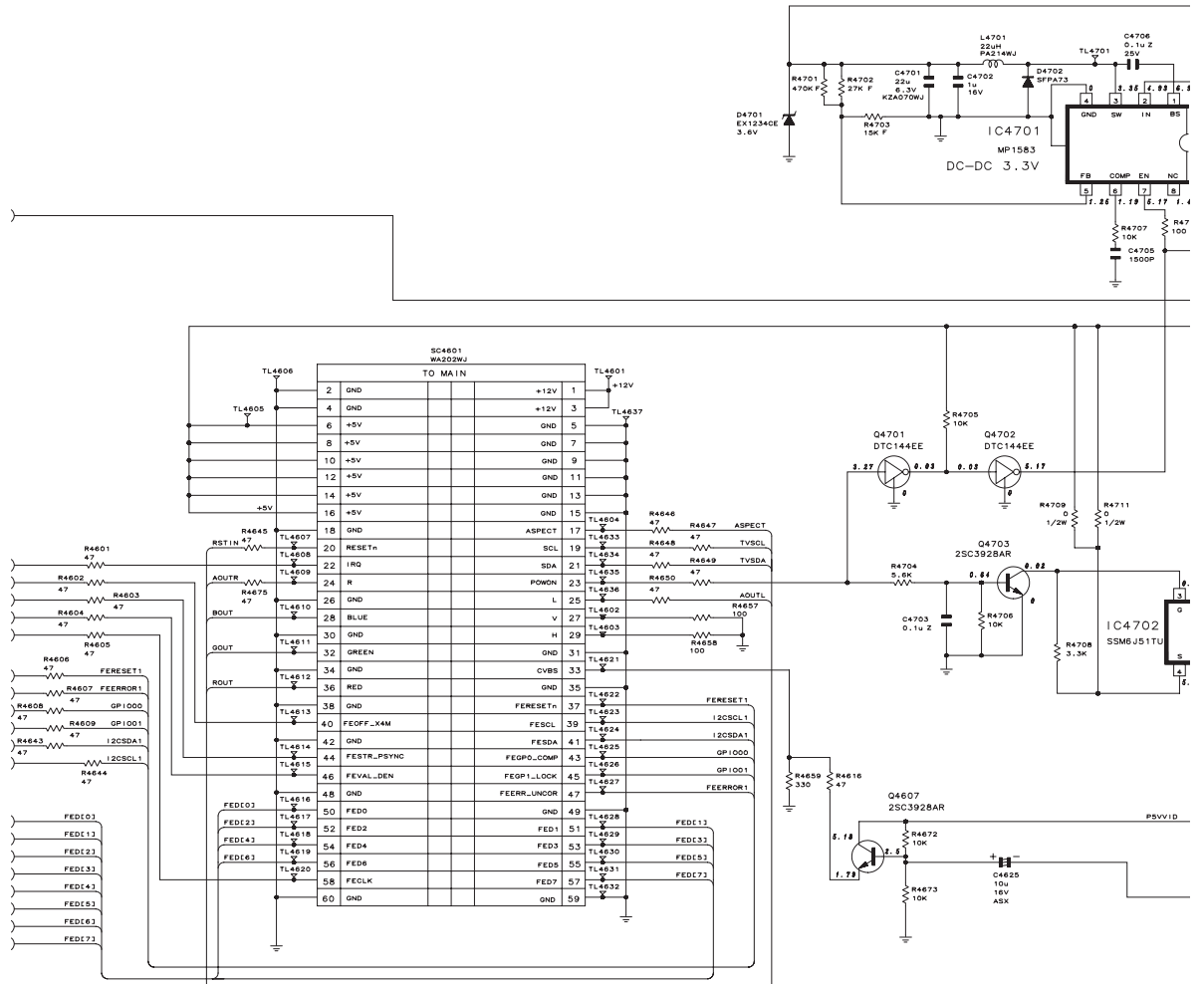
TO 3/4
(psv)

TO 1/4

(IRG)
(FEFF)
(FESTRUT)
(FEVALD)
(FECLK)

(FERESET)
(FEERROR)
(GPI00)
(GPI01)
(I2CSDA)
(I2CSCL)

(FEDI01)
(FEDI11)
(FEDI23)
(FEDI33)
(FEDI43)
(FEDI53)
(FEDI63)
(FEDI73)





■ OPERATION Unit

KEY

DUNTKD606WEV0

P153
NA037WU

TO MAIN	5	KM	1	POW
			2	KEY
			3	GND

TL152

TL153

TL151

D151
EX0641GE

R152
430
1/8W

R153
8.2K
1/8W

R151
1.8K
1/8W

R156
910
1/8W

R155
4.3K
1/8W

CH-UP
S151
K0003AJ

TL159

CH-DOWN
S152
K0003AJ

TL160

MENU
S153
K0003AJ

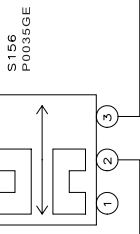
TL161

VOL-UP
S154
K0003AJ

TL162

VOL-DOWN
S155
K0003AJ

TL163



■ R/C, LED Unit

